

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1356	372/99.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:50
L2	142	1 and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:14
L3	2	("4173001"   "4985898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/21 13:18
L4	1013	372/108.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:42
L5	148	4 and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:42
L6	549	372/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 16:28
L7	132	6 and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:43
L8	1214	1 not 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 14:50

## EAST Search History

L9	871	(lens or (optical near3 (element or component))) and resonat\$3 and laser and beam near3 shap\$3 and (straight or edge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 16:30
L10	131	(lens or (optical near3 (element or component))) and resonat\$3 and laser and ((beam near3 shap\$3) same (straight or edge))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/08/21 16:33
L11	1	(((optical near3 (element or component))) and reflect\$3 and partial\$2 and laser and ((beam near3 shap\$3) and (straight ))).clm.	US-PGPUB	OR	OFF	2006/08/21 16:35
S1	2	("4173001") or ("4985898").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/26 17:55
S2	391	372/99.ccls. and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 17:56
S3	35	372/99.ccls. and aperture near3 lens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 17:58
S4	11	372/99.ccls. and beam near3 shap\$3 near3 lens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 17:59
S5	330	"372"/\$.ccls. and beam near3 (shap\$3 or form\$3) near3 lens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:00
S6	359	"372"/\$.ccls. and beam near3 (shap\$3 or form\$3) near3 lens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:11
S7	139	S6 and ((laser or gain) near3 medium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:01

## EAST Search History

S8	7	"372"/\$.ccls. and shield near3 lens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:12
S9	402713	"372"/\$.ccls. and light near\$3 shield	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:12
S10	73	"372"/\$.ccls. and light near3 shield	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/26 18:14
S11	518	"372"/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 11:33
S12	134	"372"/101.ccls. and partial\$3 near3 reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:15
S13	51	"372"/\$.ccls. and partial\$3 near3 reflect\$3 near3 aperture\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:22
S14	991	"372"/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:22
S15	53	S14 and slit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:26
S16	299	S14 and aperture\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:27
S17	101	S14 and aperture\$1 and solid near3 state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/27 12:27

## EAST Search History

S18	5	(laser near3 medium and non near3 reflect\$3 and total near3 reflect\$3). clm.	US-PGPUB	OR	OFF	2005/09/27 13:46
S19	0	(laser near3 medium and non near3 reflect\$3 and total near3 reflect\$3). clm. and 372/101.ccls.	US-PGPUB	OR	OFF	2005/09/27 13:47
S20	0	(laser near3 medium and non near3 reflect\$3 and total near3 reflect\$3). clm. and 372/108.ccls.	US-PGPUB	OR	OFF	2005/09/27 13:47
S21	0	(laser near3 medium and non near3 reflect\$3 and total near3 reflect\$3). clm. and 372/99.ccls.	US-PGPUB	OR	OFF	2005/09/27 13:47
S22	1000	372/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:33
S23	160	S22 and solid near3 state near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:34
S24	43	S23 and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:35
S25	1000	372/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:33
S26	160	S25 and solid near3 state near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:48
S27	43	S26 and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:35
S28	117	S26 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:35

## EAST Search History

S29	69	S25 and solid near3 state near3 laser and output near3 mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:49
S30	240	solid near3 state near3 laser and output near3 mirror and beam near3 shap\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:21
S31	150	S30 and (slit or aperture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 12:50
S32	1	solid near3 state near3 laser and (output near3 mirror same (beam near3 shap\$3 with (edge or rectangle or square or straight or linear)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:22
S33	1	solid near3 state near3 laser and ((output near3 mirror) same (beam near3 shap\$3 with (edge or rectangle or square or straight or linear)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:23
S34	20	solid near3 state near3 laser and ((output near3 mirror) and (beam near3 shap\$3 with (edge or rectangle or square or straight or linear)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:26
S35	235	solid near3 state near3 laser and ((output near3 (mirror or coupl\$3)) with (edge or rectangle or square or straight or linear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:28
S36	143	S35 and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:44
S37	92	S35 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:45
S38	155	gain near3 medium and (beam near3 shap\$3 near3 (optic\$1 or optical))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 13:56

## EAST Search History

S39	42	((optic\$1 or optical or mirror) with (partial\$3 near3 reflect\$3 near3 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 14:11
S40	2	("4173001"   "4985898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/22 14:08
S41	11	("4173001").URPN.	USPAT	OR	OFF	2006/02/22 14:09
S42	34	mirror with (partial\$3 near3 reflect\$3) with (periphery or periphural)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 14:14
S43	1	mirror with (partial\$3 near3 reflect\$3 near3 (center or middle)) same ((periphery or periphural) with (total near3 reflect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 14:32
S44	1	("6731666").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/22 14:28
S45	2	mirror with (partial\$3 near3 reflect\$3 near3 (center or middle)) and ((periphery or periphural) with (total near3 reflect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 14:32
S46	1	(partial\$3 near3 (transmi\$5 or reflect\$3)) with (mgf or caf)	US-PGPUB; USPAT	OR	OFF	2006/02/22 17:26
S47	1	(partial\$3 near3 (transmi\$5 or reflect\$3)) with (mgf or caf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 17:29
S48	5	(partial\$3 near3 (transmi\$5 or reflect\$3)) same (mgf or caf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 17:27
S49	25	(reflector) with (mgf or caf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/22 17:29
S50	1	("5506858").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/23 11:49